

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121218\
 Data File : PQ035423.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2018 01:34
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 01:48:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 12 22:07:58 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.438	3.746	219.4E6	127.9E6	56.079	57.245
2)	SA Decachlor...	10.148	8.729	148.4E6	88176688	50.360	49.889
Target Compounds							
3)	L1 AR-1016-1	5.603	4.826	67502870	41808633	527.583	542.235
4)	L1 AR-1016-2	5.625	4.844	101.4E6	61457257	528.454	543.105
5)	L1 AR-1016-3	5.687	5.020	60912834	31885783	532.225	545.995
6)	L1 AR-1016-4	5.787	5.060	49773664	25633670	522.680	545.157
7)	L1 AR-1016-5	6.079	5.273	47778464	33365171	524.833	543.514
8)	L2 AR-1221-1	4.644	3.956	5582959	3468843	163.426	170.015
9)	L2 AR-1221-2	4.735	4.045	8700377	5256762	341.501	355.650
10)	L2 AR-1221-3	4.811	4.119	33166071	20473624	398.533	421.436
11)	L3 AR-1232-1	4.811	4.119	33166071	20473624	456.092	464.978
12)	L3 AR-1232-2	5.337	4.844	47331378	61457257	1228.170	1252.636
13)	L3 AR-1232-3	5.625	5.020	101.4E6	31885783	1239.487	1247.903
14)	L3 AR-1232-4	5.787	5.101	49773664	30598104	1243.023	1341.061
15)	L3 AR-1232-5	5.874	5.273	41691807	33365171	1316.505	1335.819
16)	L4 AR-1242-1	5.603	4.826	67502870	41808633	699.662	706.550
17)	L4 AR-1242-2	5.625	4.844	101.4E6	61457257	698.565	713.712
18)	L4 AR-1242-3	5.687	5.020	60912834	31885783	704.064	708.017
19)	L4 AR-1242-4	5.787	5.101	49773664	30598104	719.480	690.989
20)	L4 AR-1242-5	6.521	5.622	12457313	36888337	158.787	668.394 #
21)	L5 AR-1248-1	5.603	4.826	67502870	41808633	1022.680	1059.659
22)	L5 AR-1248-2	5.874	5.060	41691807	25633670	439.857	472.301
23)	L5 AR-1248-3	6.079	5.101	47778464	30598104	457.254	548.327
24)	L5 AR-1248-4	6.482	5.273	15640476	33365171	127.005	481.981 #
25)	L5 AR-1248-5	6.521	5.662	12457313	8316128	106.479	117.989
26)	L6 AR-1254-1	6.454	5.622	48126384	36888337	316.136	276.549
27)	L6 AR-1254-2	6.670	5.767	45361816	29025635	191.716	251.197 #
28)	L6 AR-1254-3	7.040	6.181	24920876	48159824	97.061	249.457 #
29)	L6 AR-1254-4	7.324	6.397	16082108	7124942	88.697	59.205 #
30)	L6 AR-1254-5	7.742	6.811	137.9E6	92468786	703.261	567.772
31)	L7 AR-1260-1	7.200	6.297	93136356	65978961	505.072	524.528
32)	L7 AR-1260-2	7.456	6.484	111.5E6	79466550	513.205	526.223
33)	L7 AR-1260-3	7.815	6.637	66515613	73493857	496.526	525.953
34)	L7 AR-1260-4	8.042	7.105	82196556	48058863	498.733	517.565
35)	L7 AR-1260-5	8.363	7.347	150.3E6	115.0E6	504.094	512.494
36)	L8 AR-1262-1	7.815	6.845	66515613	53400259	303.620	347.957
37)	L8 AR-1262-2	8.363	7.347	150.3E6	115.0E6	398.983	430.944
38)	L8 AR-1262-3	8.693	7.626	91720998	19471434	381.551	187.617 #
39)	L8 AR-1262-4	8.744	7.692	50275393	77936497	278.275	420.723 #
40)	L8 AR-1262-5	9.416	8.189	31007487	18980478	272.275	255.708
41)	L9 AR-1268-1	8.693	7.626	91720998	19471434	190.099	58.392 #

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 Acq On : 13 Dec 2018 01:34
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

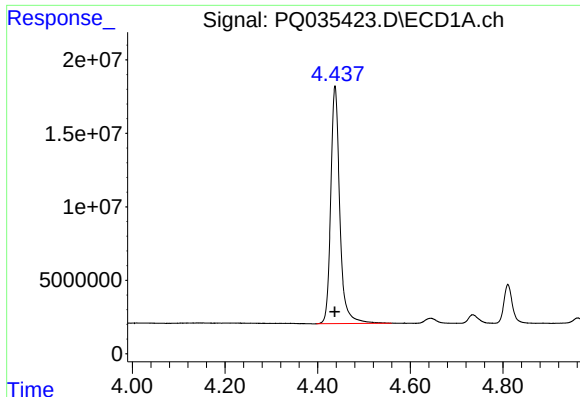
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 01:48:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.744	7.692	50275393	77936497	116.524	262.982 #
43) L9	AR-1268-3	8.985	7.949	1815163	1459194	4.803	5.970
44) L9	AR-1268-4	9.416	8.189	31007487	18980478	226.180	203.461
45) L9	AR-1268-5	9.821	8.479	9684566	5280588	8.366	7.229

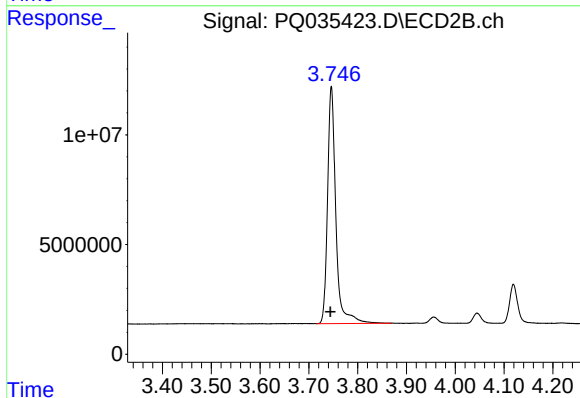
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

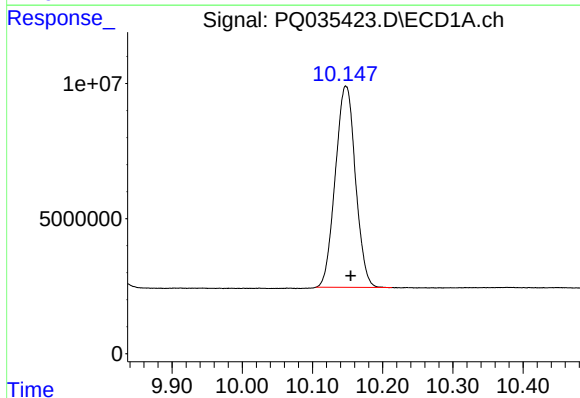
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 219417978
Conc: 56.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



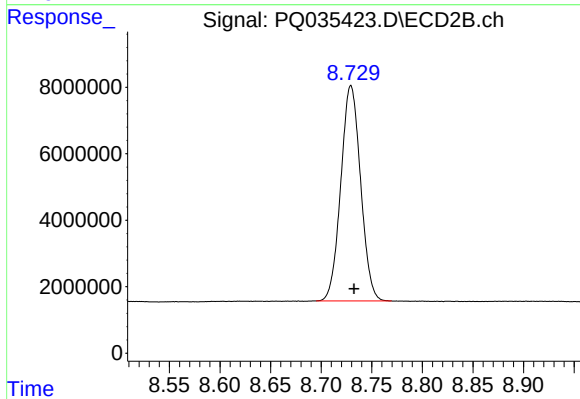
#1 Tetrachloro-m-xylene

R.T.: 3.746 min
Delta R.T.: 0.002 min
Response: 127907802
Conc: 57.24 ng/ml



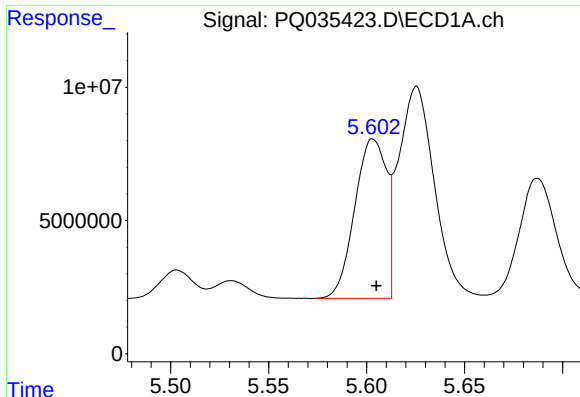
#2 Decachlorobiphenyl

R.T.: 10.148 min
Delta R.T.: -0.007 min
Response: 148439156
Conc: 50.36 ng/ml



#2 Decachlorobiphenyl

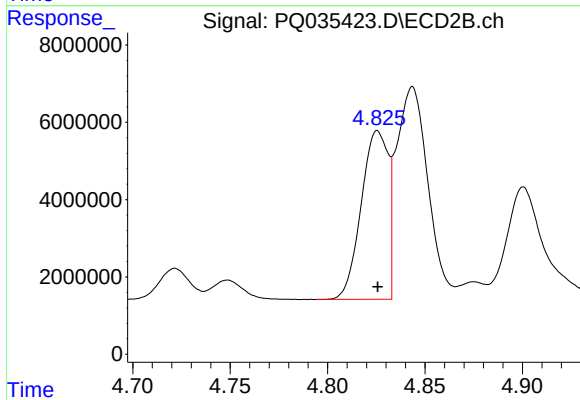
R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 88176688
Conc: 49.89 ng/ml



#3 AR-1016-1

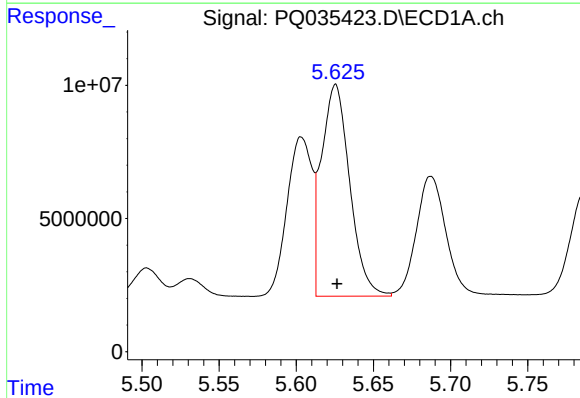
R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 67502870
Conc: 527.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



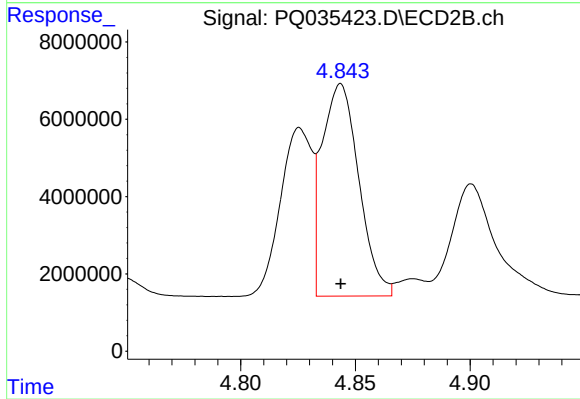
#3 AR-1016-1

R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 41808633
Conc: 542.24 ng/ml



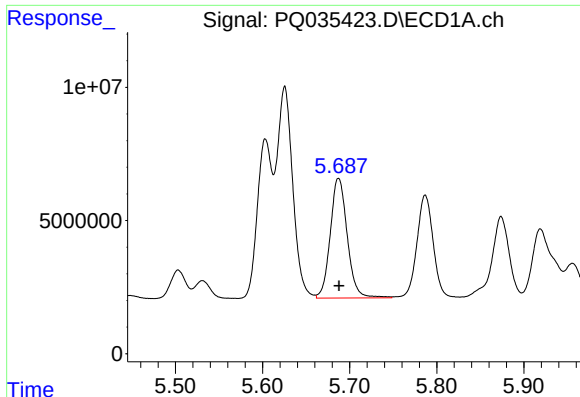
#4 AR-1016-2

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 101352133
Conc: 528.45 ng/ml



#4 AR-1016-2

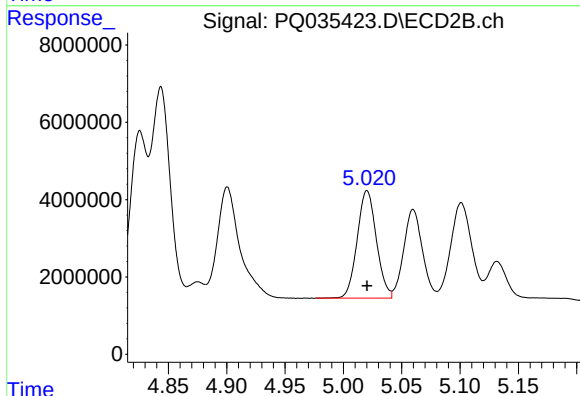
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 61457257
Conc: 543.11 ng/ml



#5 AR-1016-3

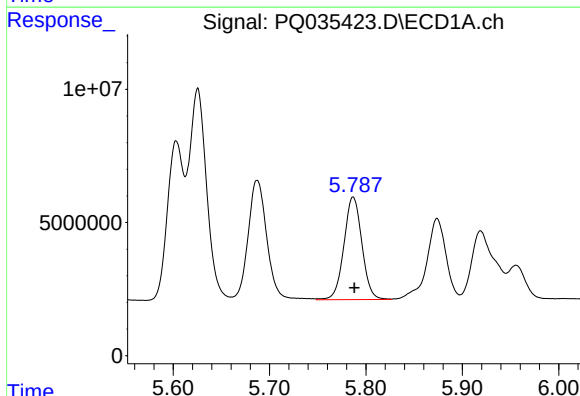
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 60912834
Conc: 532.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



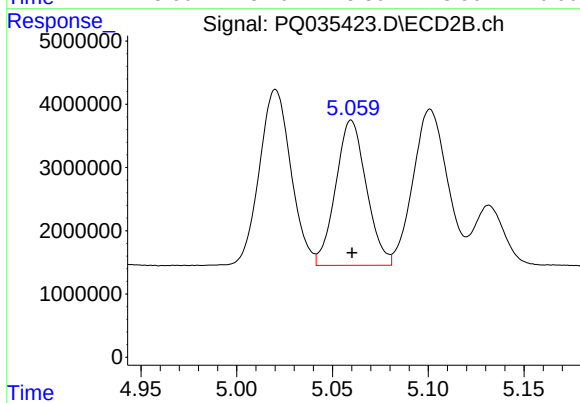
#5 AR-1016-3

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 31885783
Conc: 546.00 ng/ml



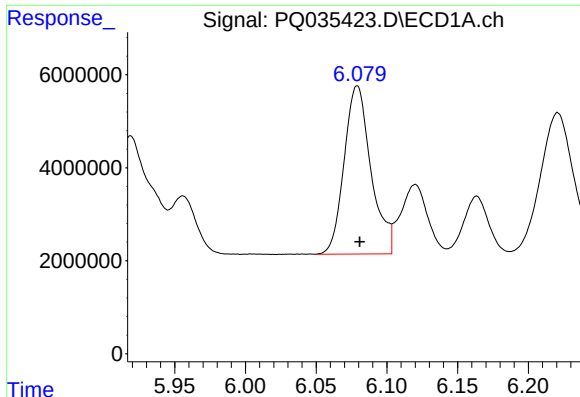
#6 AR-1016-4

R.T.: 5.787 min
Delta R.T.: -0.001 min
Response: 49773664
Conc: 522.68 ng/ml



#6 AR-1016-4

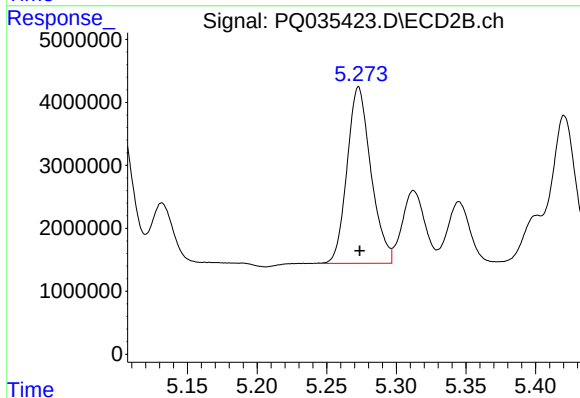
R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 25633670
Conc: 545.16 ng/ml



#7 AR-1016-5

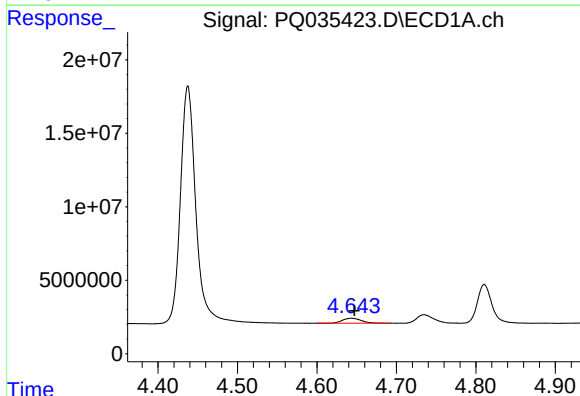
R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 47778464
Conc: 524.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



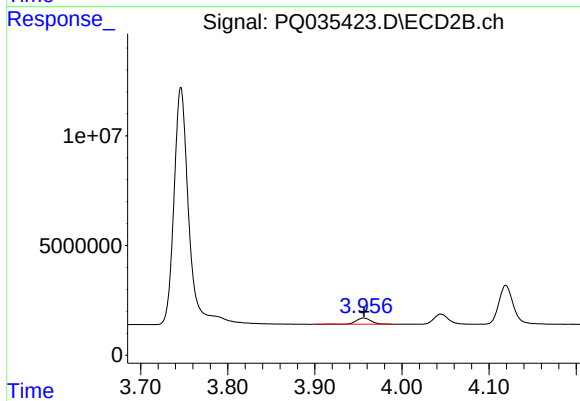
#7 AR-1016-5

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 33365171
Conc: 543.51 ng/ml



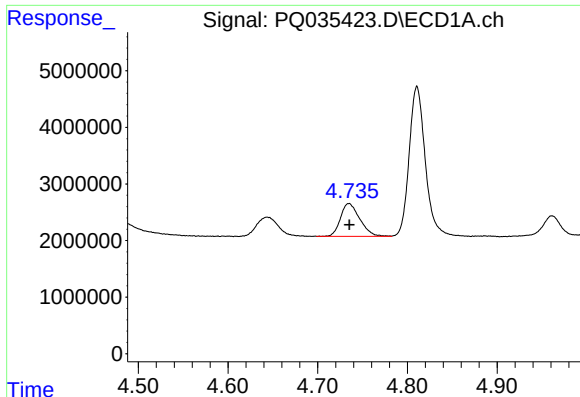
#8 AR-1221-1

R.T.: 4.644 min
Delta R.T.: -0.003 min
Response: 5582959
Conc: 163.43 ng/ml



#8 AR-1221-1

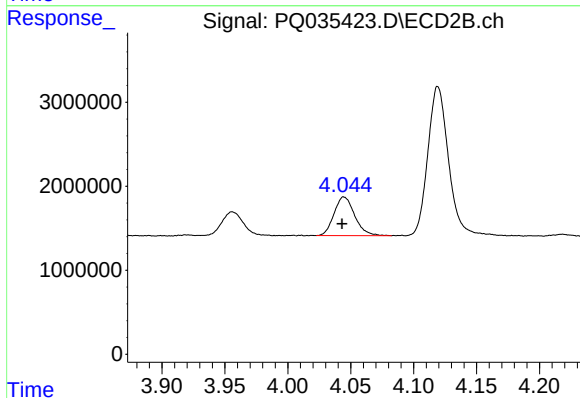
R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 3468843
Conc: 170.02 ng/ml



#9 AR-1221-2

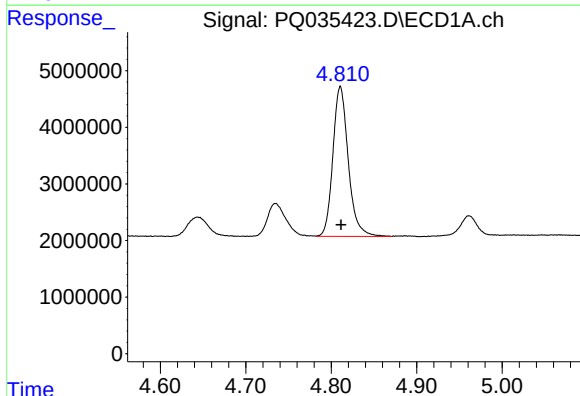
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 8700377
Conc: 341.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



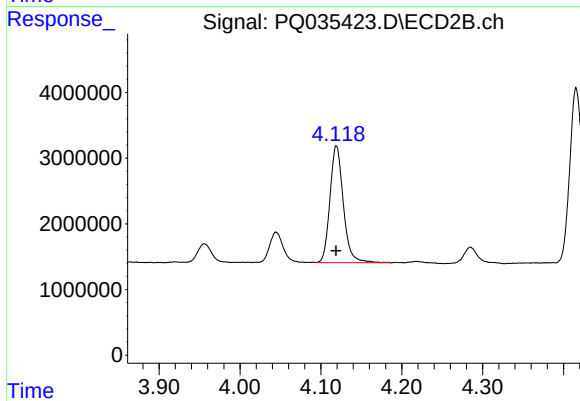
#9 AR-1221-2

R.T.: 4.045 min
Delta R.T.: 0.001 min
Response: 5256762
Conc: 355.65 ng/ml



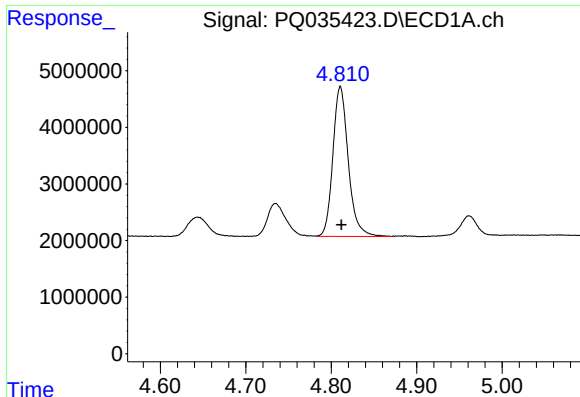
#10 AR-1221-3

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 33166071
Conc: 398.53 ng/ml



#10 AR-1221-3

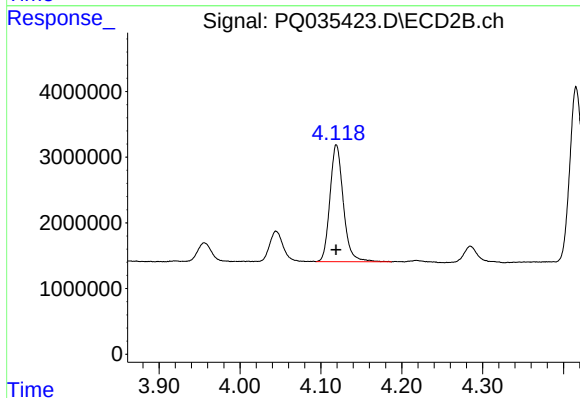
R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 20473624
Conc: 421.44 ng/ml



#11 AR-1232-1

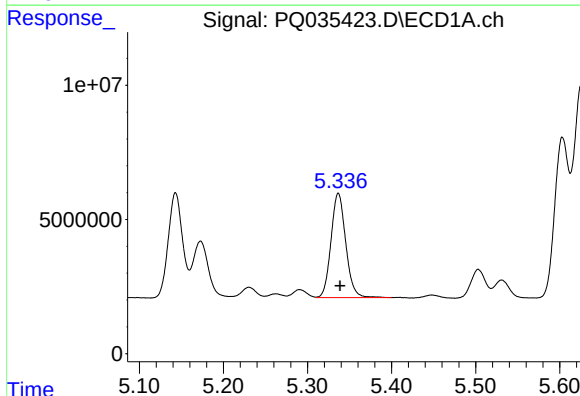
R.T.: 4.811 min
Delta R.T.: -0.001 min
Response: 33166071
Conc: 456.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



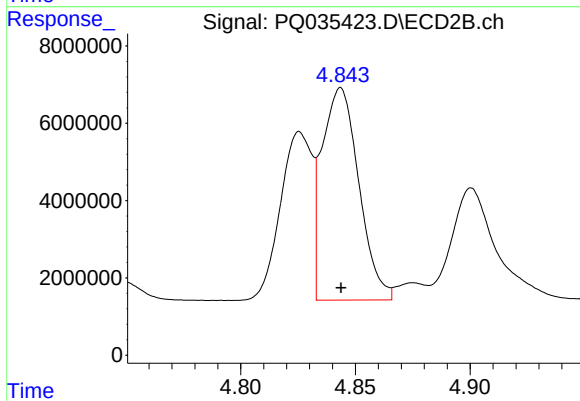
#11 AR-1232-1

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 20473624
Conc: 464.98 ng/ml



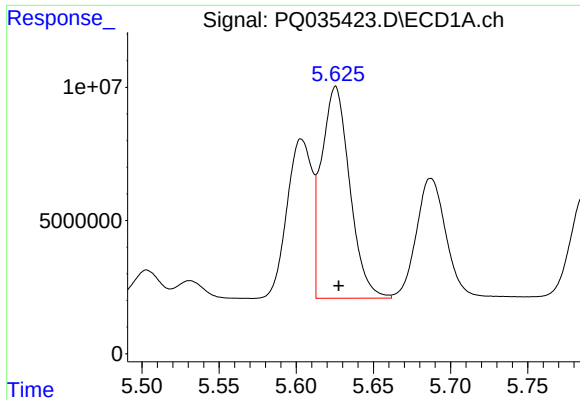
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 47331378
Conc: 1228.17 ng/ml



#12 AR-1232-2

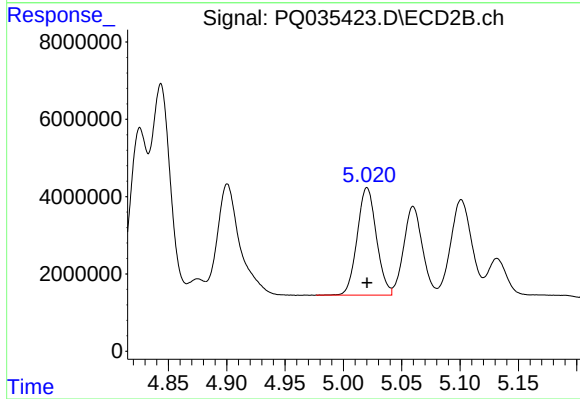
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 61457257
Conc: 1252.64 ng/ml



#13 AR-1232-3

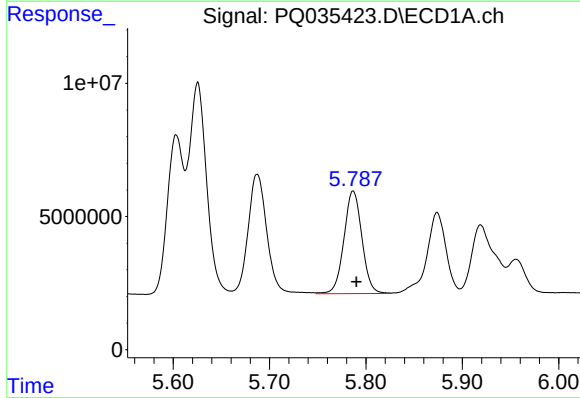
R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 101352133
Conc: 1239.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



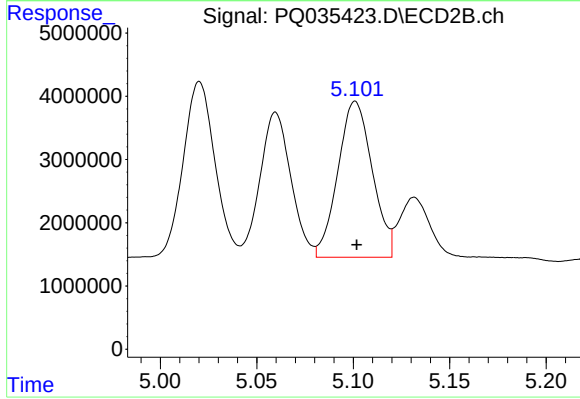
#13 AR-1232-3

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 31885783
Conc: 1247.90 ng/ml



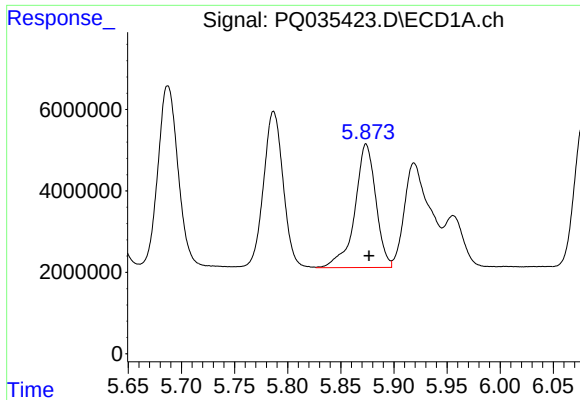
#14 AR-1232-4

R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 49773664
Conc: 1243.02 ng/ml



#14 AR-1232-4

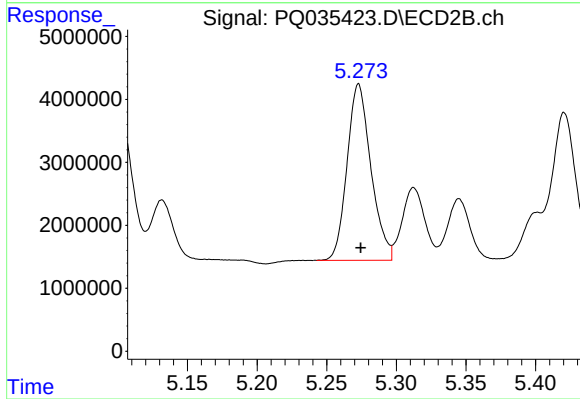
R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 30598104
Conc: 1341.06 ng/ml



#15 AR-1232-5

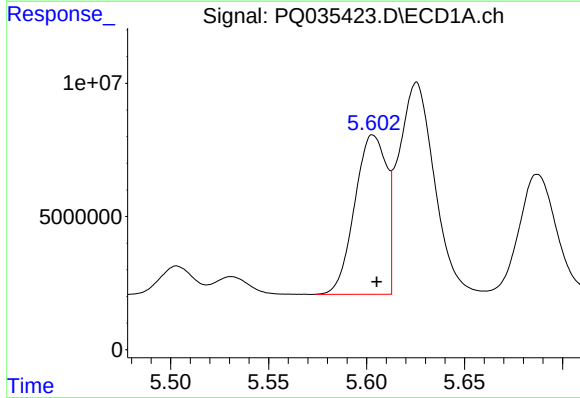
R.T.: 5.874 min
Delta R.T.: -0.003 min
Response: 41691807
Conc: 1316.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



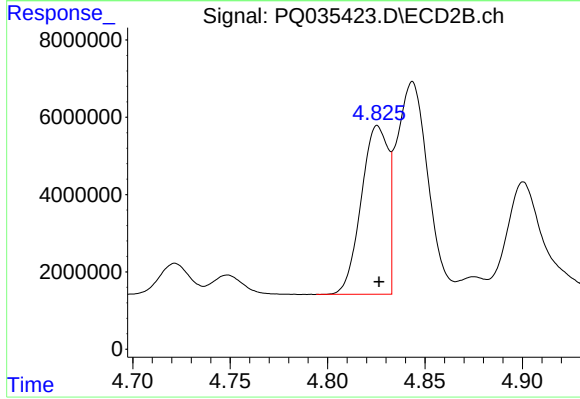
#15 AR-1232-5

R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 33365171
Conc: 1335.82 ng/ml



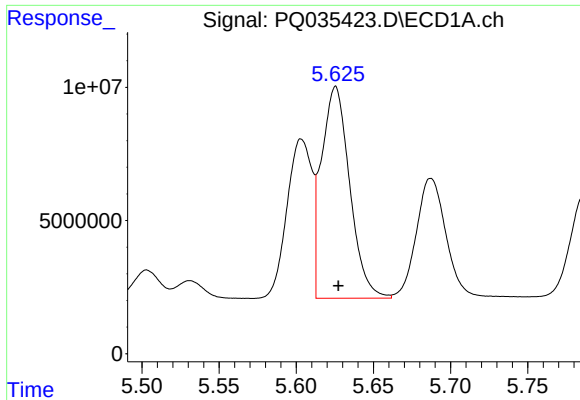
#16 AR-1242-1

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 67502870
Conc: 699.66 ng/ml



#16 AR-1242-1

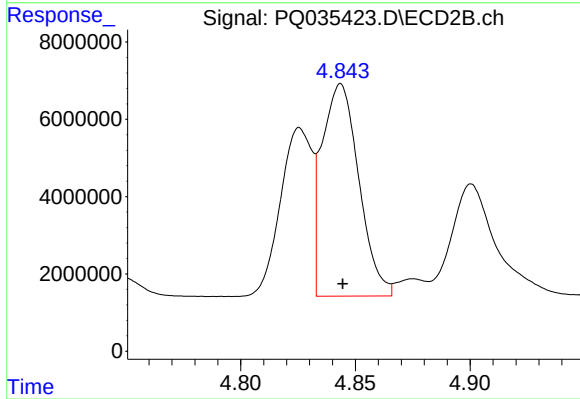
R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 41808633
Conc: 706.55 ng/ml



#17 AR-1242-2

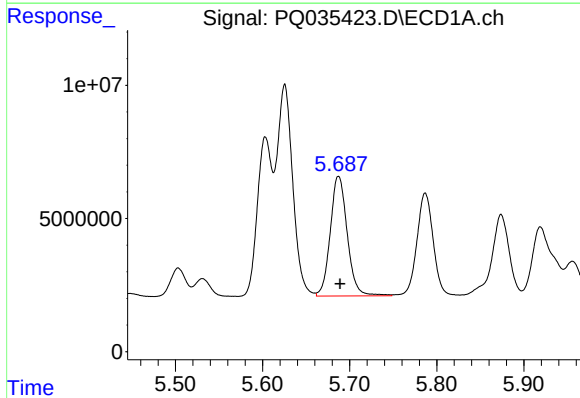
R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 101352133
Conc: 698.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



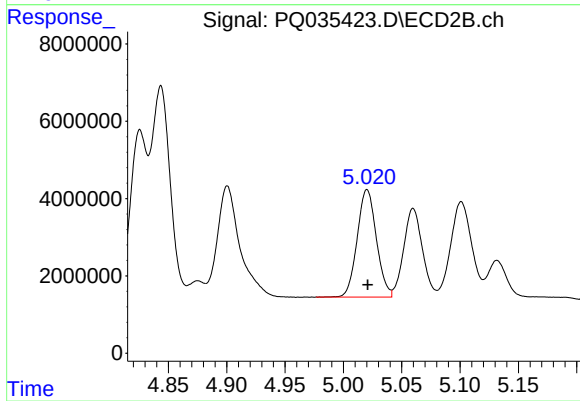
#17 AR-1242-2

R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 61457257
Conc: 713.71 ng/ml



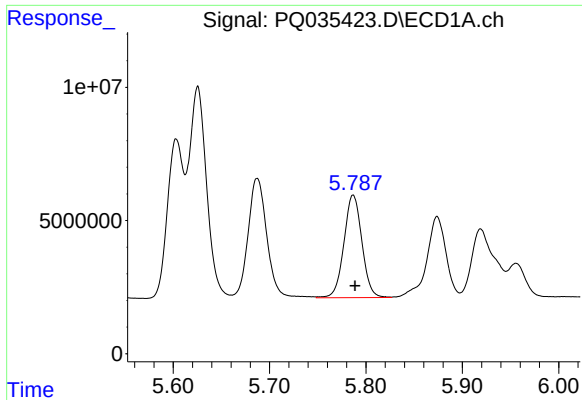
#18 AR-1242-3

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 60912834
Conc: 704.06 ng/ml



#18 AR-1242-3

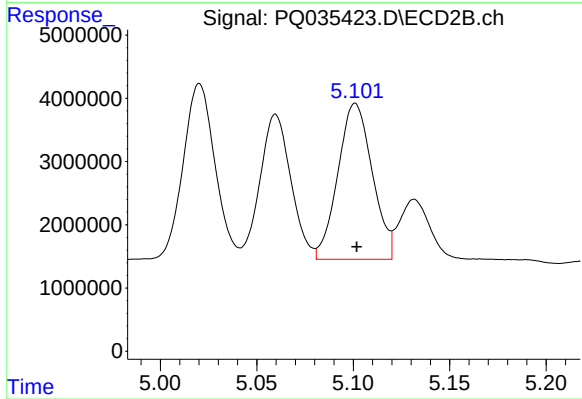
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 31885783
Conc: 708.02 ng/ml



#19 AR-1242-4

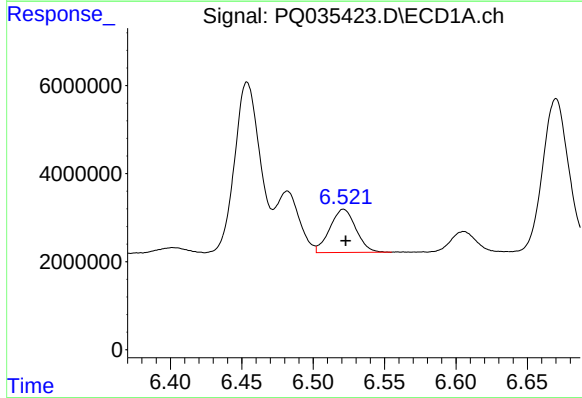
R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 49773664
Conc: 719.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



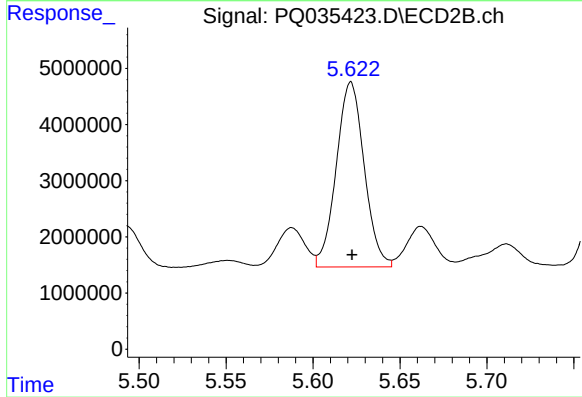
#19 AR-1242-4

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 30598104
Conc: 690.99 ng/ml



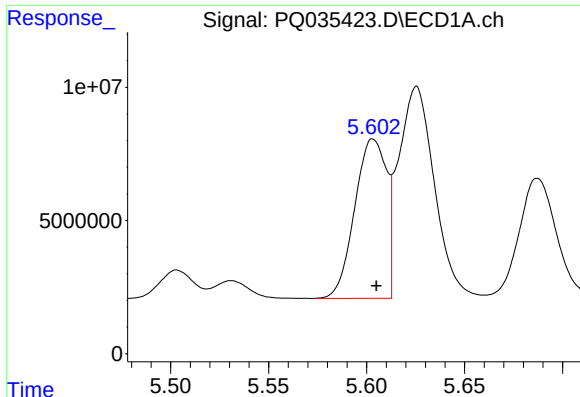
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: -0.001 min
Response: 12457313
Conc: 158.79 ng/ml



#20 AR-1242-5

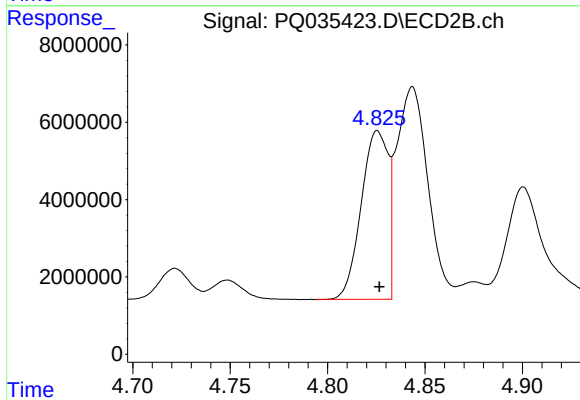
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 36888337
Conc: 668.39 ng/ml



#21 AR-1248-1

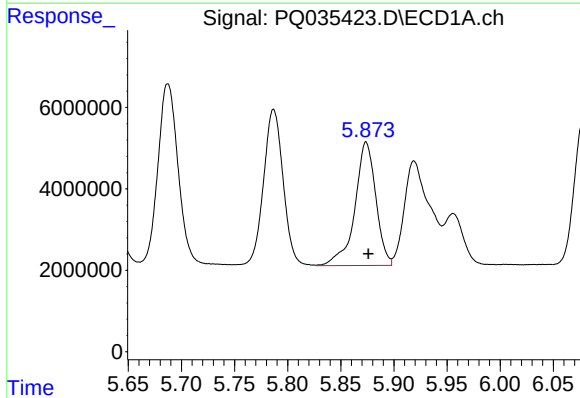
R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 67502870
Conc: 1022.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



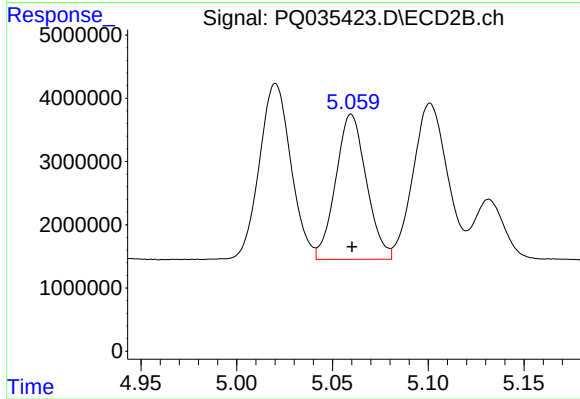
#21 AR-1248-1

R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 41808633
Conc: 1059.66 ng/ml



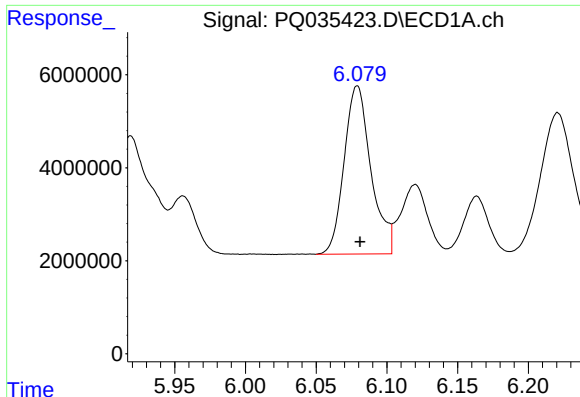
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: -0.002 min
Response: 41691807
Conc: 439.86 ng/ml



#22 AR-1248-2

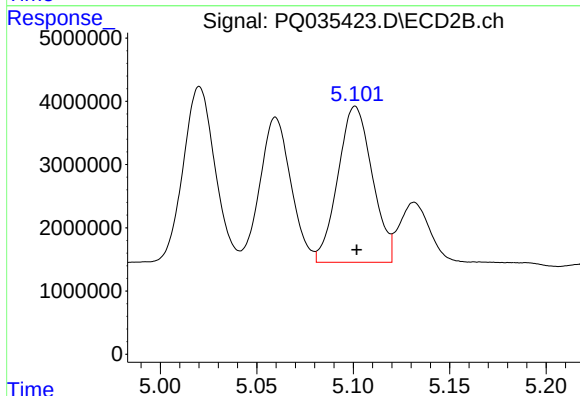
R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 25633670
Conc: 472.30 ng/ml



#23 AR-1248-3

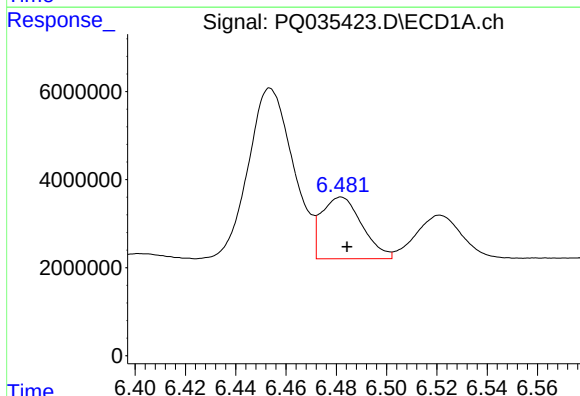
R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 47778464
Conc: 457.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



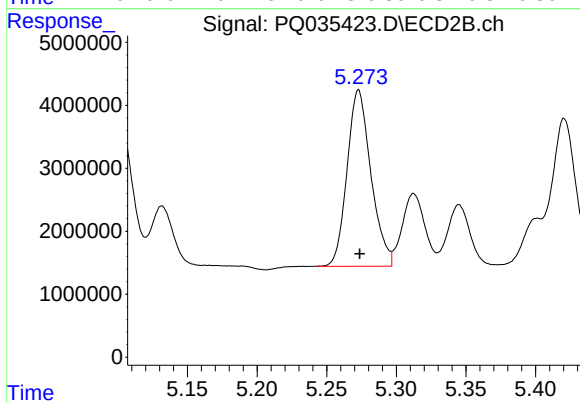
#23 AR-1248-3

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 30598104
Conc: 548.33 ng/ml



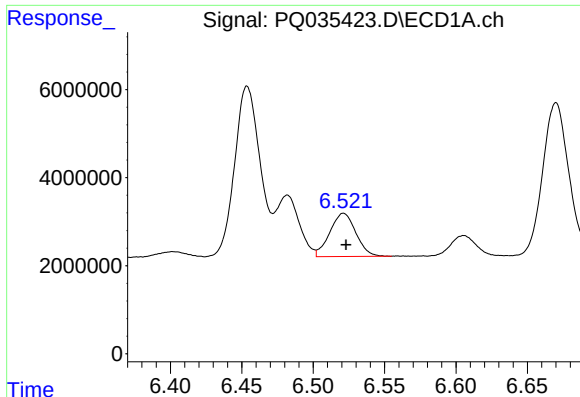
#24 AR-1248-4

R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 15640476
Conc: 127.01 ng/ml



#24 AR-1248-4

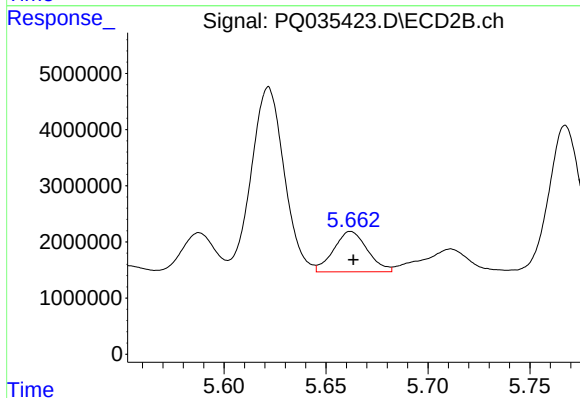
R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 33365171
Conc: 481.98 ng/ml



#25 AR-1248-5

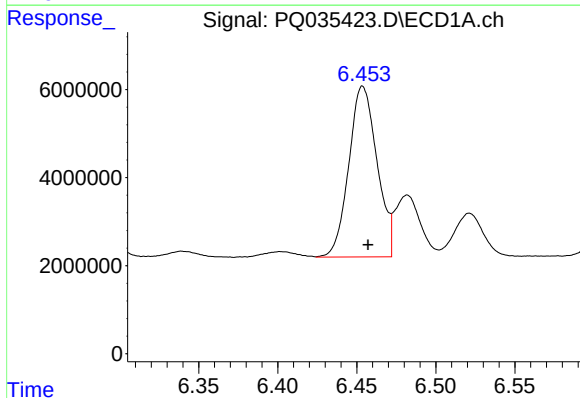
R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 12457313
Conc: 106.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



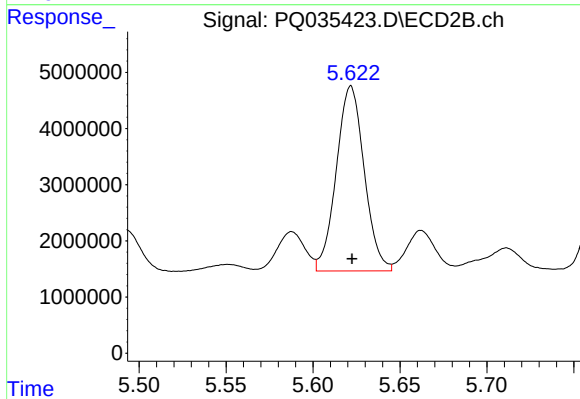
#25 AR-1248-5

R.T.: 5.662 min
Delta R.T.: -0.001 min
Response: 8316128
Conc: 117.99 ng/ml



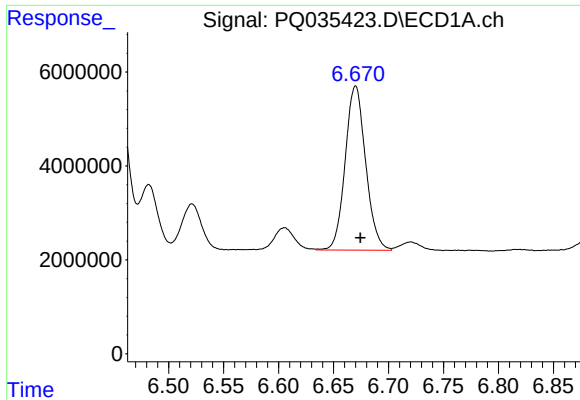
#26 AR-1254-1

R.T.: 6.454 min
Delta R.T.: -0.003 min
Response: 48126384
Conc: 316.14 ng/ml



#26 AR-1254-1

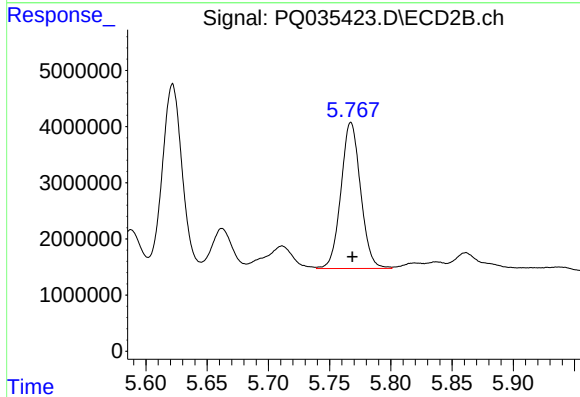
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 36888337
Conc: 276.55 ng/ml



#27 AR-1254-2

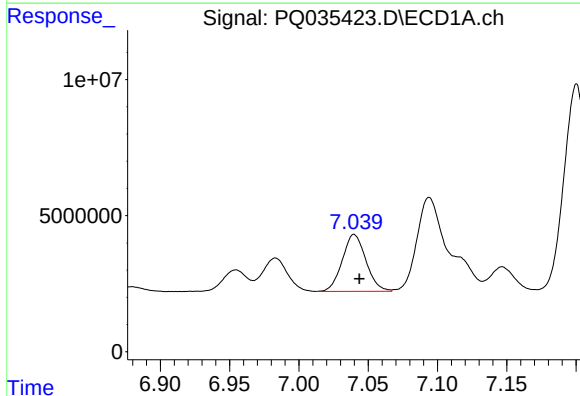
R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 45361816
Conc: 191.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



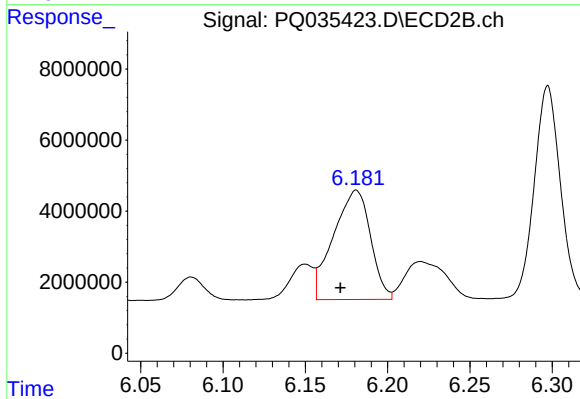
#27 AR-1254-2

R.T.: 5.767 min
Delta R.T.: -0.001 min
Response: 29025635
Conc: 251.20 ng/ml



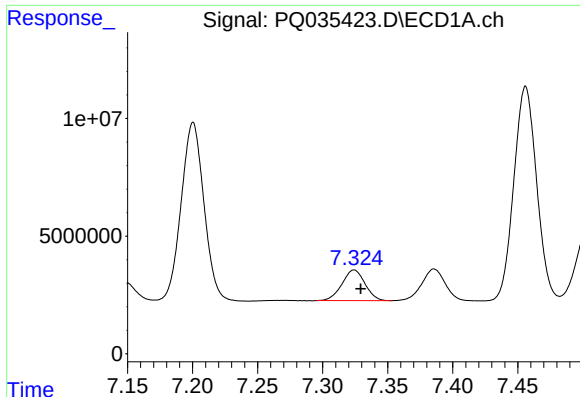
#28 AR-1254-3

R.T.: 7.040 min
Delta R.T.: -0.004 min
Response: 24920876
Conc: 97.06 ng/ml



#28 AR-1254-3

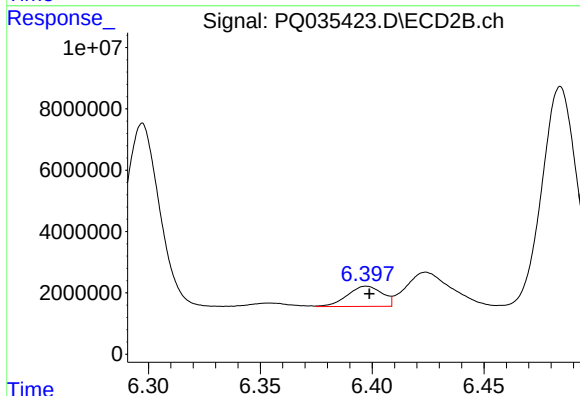
R.T.: 6.181 min
Delta R.T.: 0.010 min
Response: 48159824
Conc: 249.46 ng/ml



#29 AR-1254-4

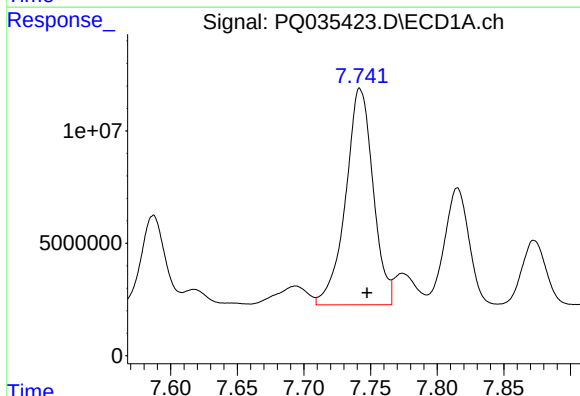
R.T.: 7.324 min
Delta R.T.: -0.005 min
Response: 16082108
Conc: 88.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



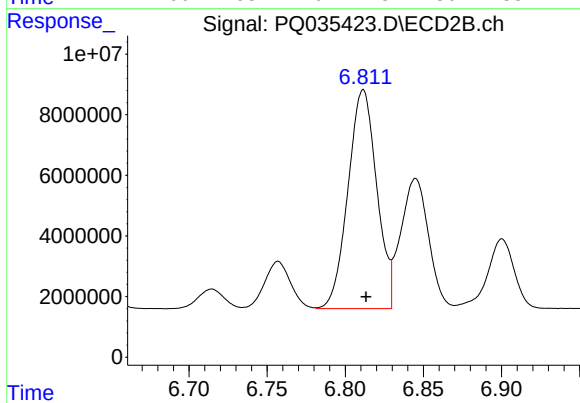
#29 AR-1254-4

R.T.: 6.397 min
Delta R.T.: -0.001 min
Response: 7124942
Conc: 59.20 ng/ml



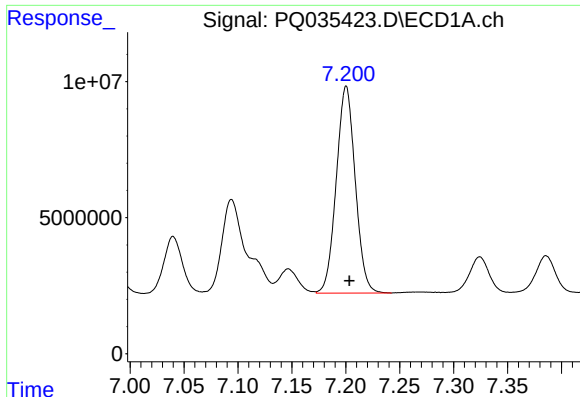
#30 AR-1254-5

R.T.: 7.742 min
Delta R.T.: -0.005 min
Response: 137945365
Conc: 703.26 ng/ml



#30 AR-1254-5

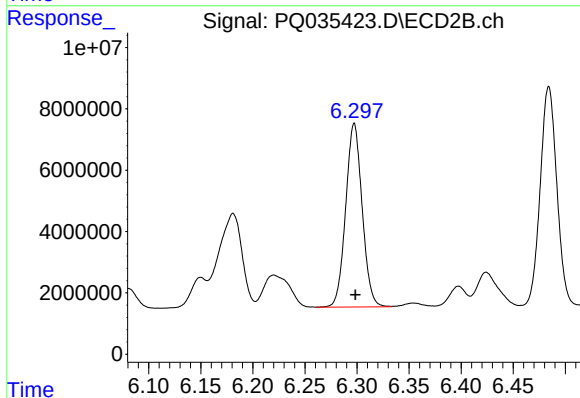
R.T.: 6.811 min
Delta R.T.: -0.002 min
Response: 92468786
Conc: 567.77 ng/ml



#31 AR-1260-1

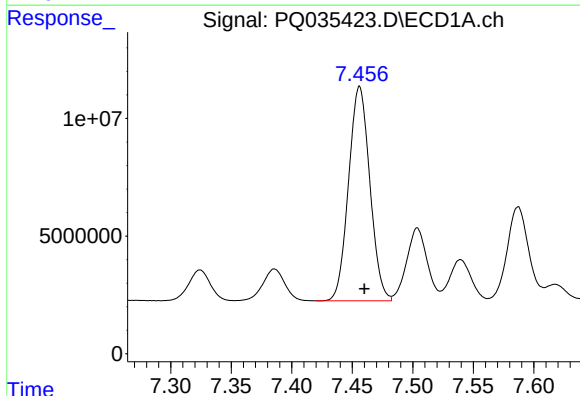
R.T.: 7.200 min
Delta R.T.: -0.003 min
Response: 93136356
Conc: 505.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



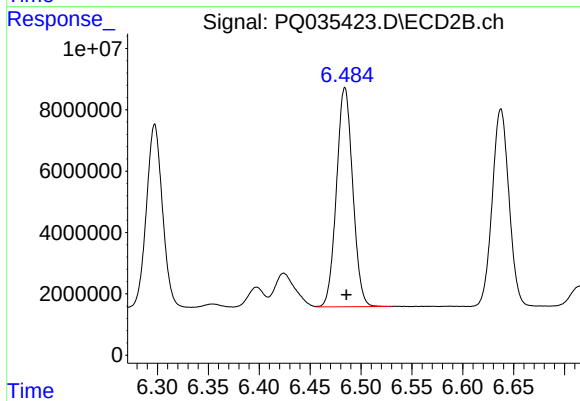
#31 AR-1260-1

R.T.: 6.297 min
Delta R.T.: -0.001 min
Response: 65978961
Conc: 524.53 ng/ml



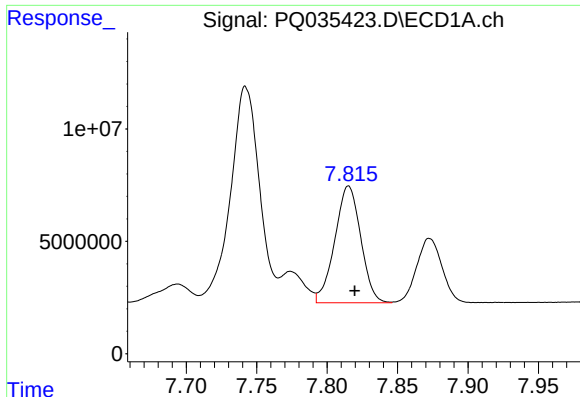
#32 AR-1260-2

R.T.: 7.456 min
Delta R.T.: -0.004 min
Response: 111511298
Conc: 513.21 ng/ml



#32 AR-1260-2

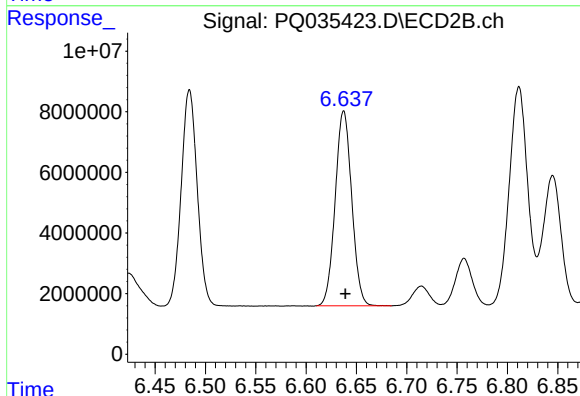
R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 79466550
Conc: 526.22 ng/ml



#33 AR-1260-3

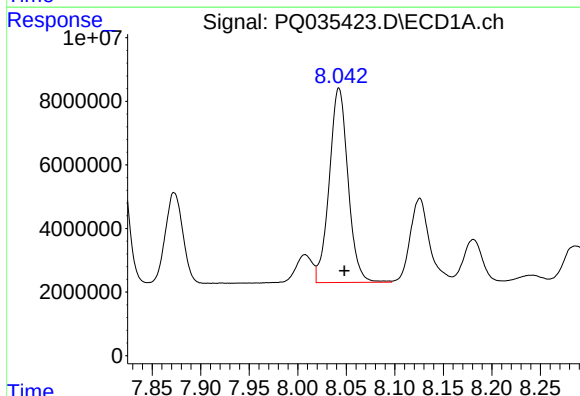
R.T.: 7.815 min
Delta R.T.: -0.004 min
Response: 66515613
Conc: 496.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



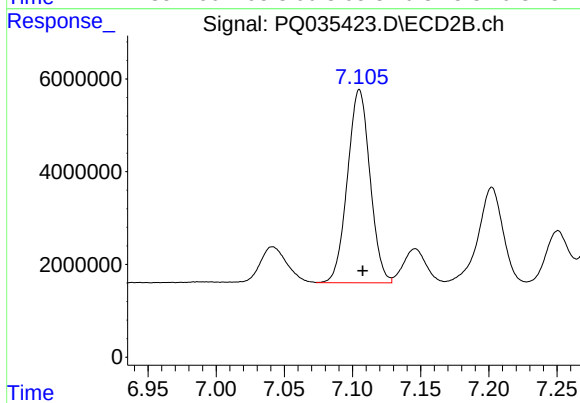
#33 AR-1260-3

R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 73493857
Conc: 525.95 ng/ml



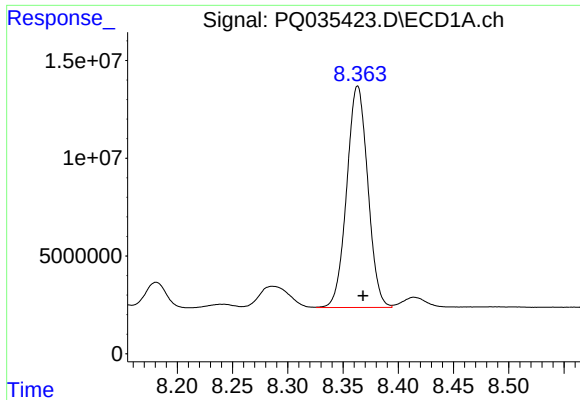
#34 AR-1260-4

R.T.: 8.042 min
Delta R.T.: -0.006 min
Response: 82196556
Conc: 498.73 ng/ml



#34 AR-1260-4

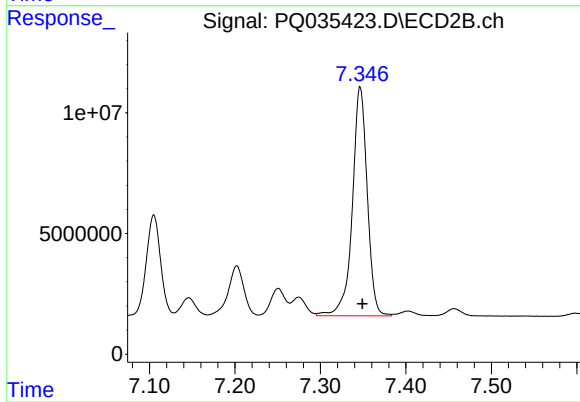
R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 48058863
Conc: 517.56 ng/ml



#35 AR-1260-5

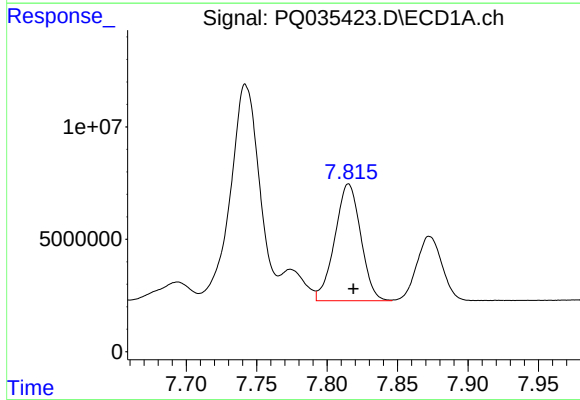
R.T.: 8.363 min
Delta R.T.: -0.005 min
Response: 150304249
Conc: 504.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



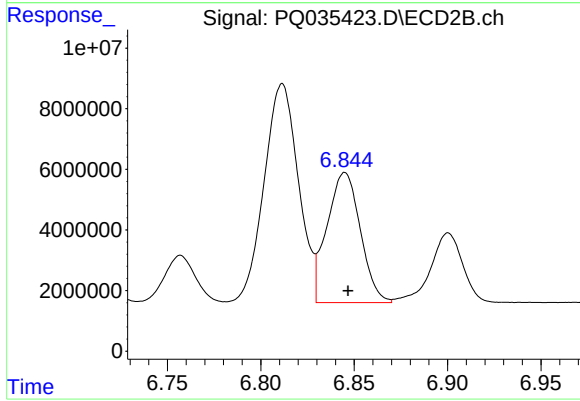
#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 115002446
Conc: 512.49 ng/ml



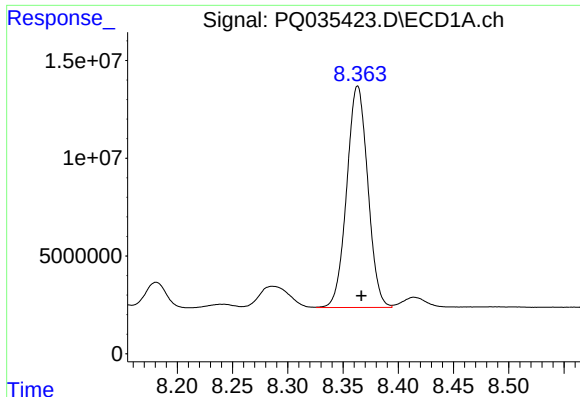
#36 AR-1262-1

R.T.: 7.815 min
Delta R.T.: -0.003 min
Response: 66515613
Conc: 303.62 ng/ml



#36 AR-1262-1

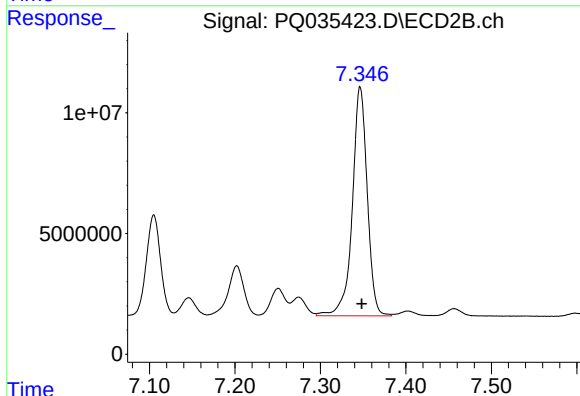
R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 53400259
Conc: 347.96 ng/ml



#37 AR-1262-2

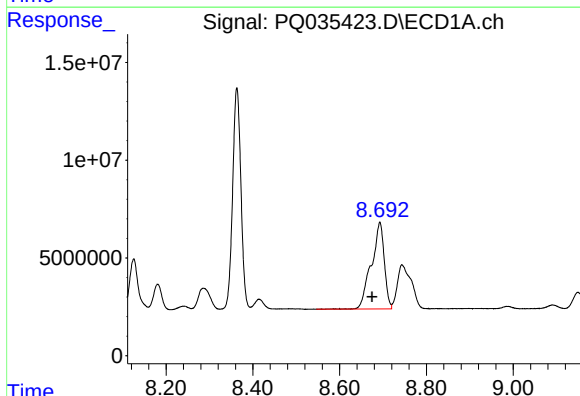
R.T.: 8.363 min
Delta R.T.: -0.003 min
Response: 150304249
Conc: 398.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



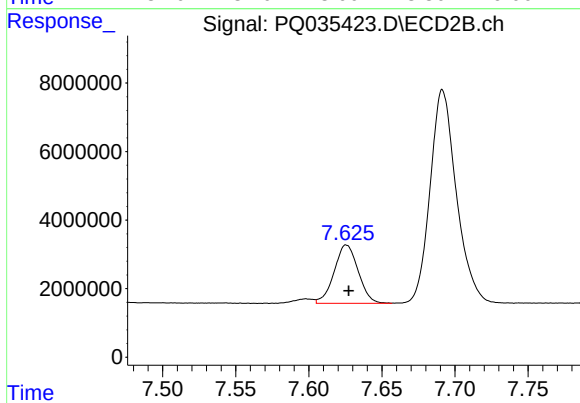
#37 AR-1262-2

R.T.: 7.347 min
Delta R.T.: -0.002 min
Response: 115002446
Conc: 430.94 ng/ml



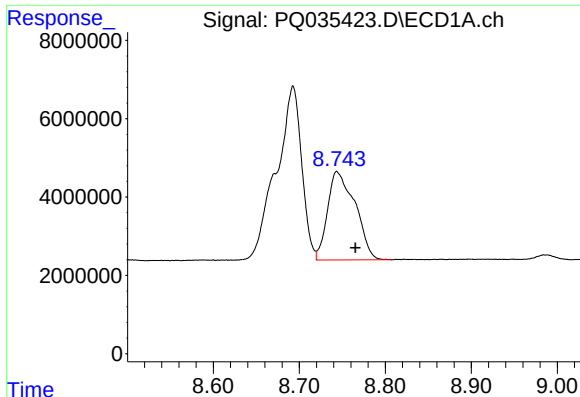
#38 AR-1262-3

R.T.: 8.693 min
Delta R.T.: 0.018 min
Response: 91720998
Conc: 381.55 ng/ml



#38 AR-1262-3

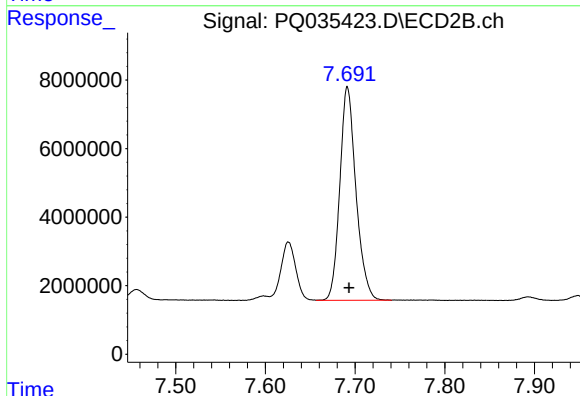
R.T.: 7.626 min
Delta R.T.: -0.002 min
Response: 19471434
Conc: 187.62 ng/ml



#39 AR-1262-4

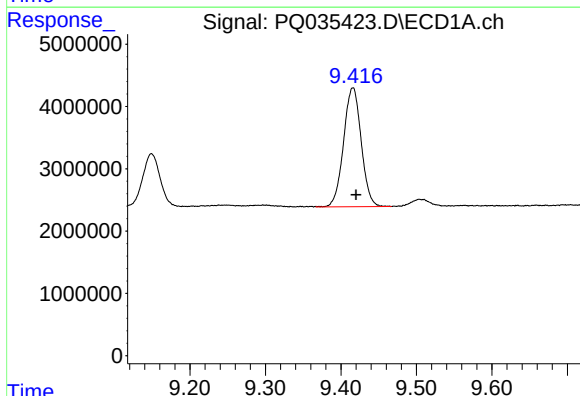
R.T.: 8.744 min
Delta R.T.: -0.022 min
Response: 50275393
Conc: 278.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



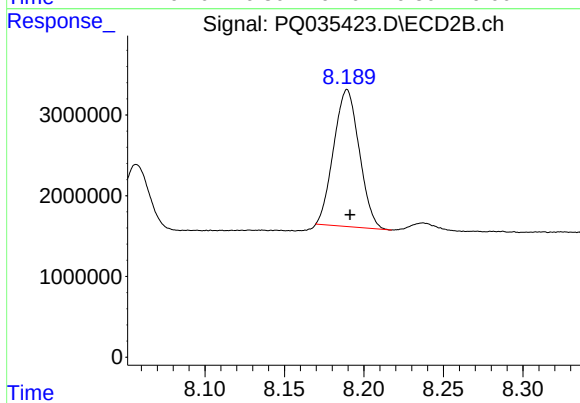
#39 AR-1262-4

R.T.: 7.692 min
Delta R.T.: -0.002 min
Response: 77936497
Conc: 420.72 ng/ml



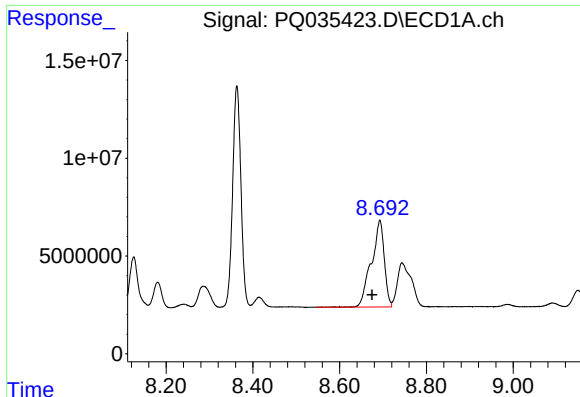
#40 AR-1262-5

R.T.: 9.416 min
Delta R.T.: -0.004 min
Response: 31007487
Conc: 272.27 ng/ml



#40 AR-1262-5

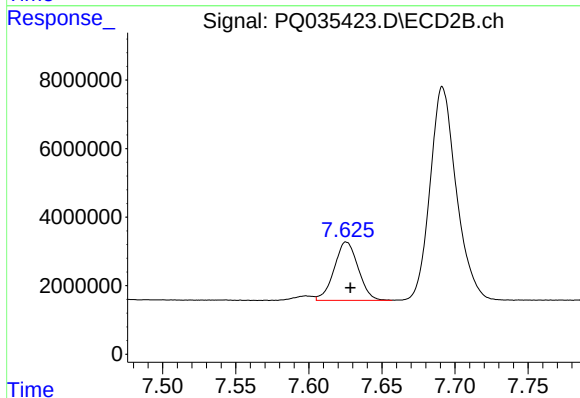
R.T.: 8.189 min
Delta R.T.: -0.002 min
Response: 18980478
Conc: 255.71 ng/ml



#41 AR-1268-1

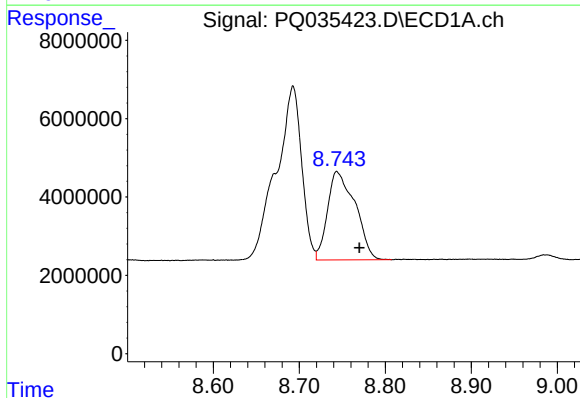
R.T.: 8.693 min
Delta R.T.: 0.018 min
Response: 91720998
Conc: 190.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



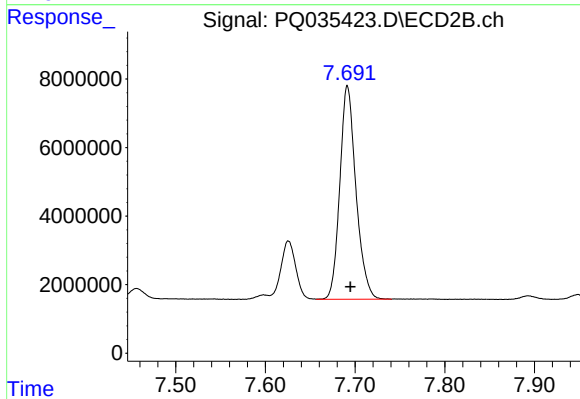
#41 AR-1268-1

R.T.: 7.626 min
Delta R.T.: -0.003 min
Response: 19471434
Conc: 58.39 ng/ml



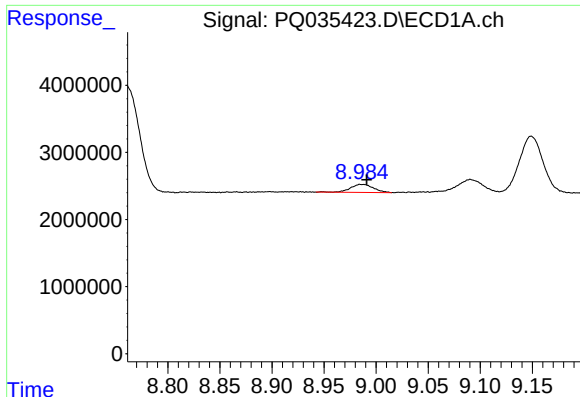
#42 AR-1268-2

R.T.: 8.744 min
Delta R.T.: -0.026 min
Response: 50275393
Conc: 116.52 ng/ml



#42 AR-1268-2

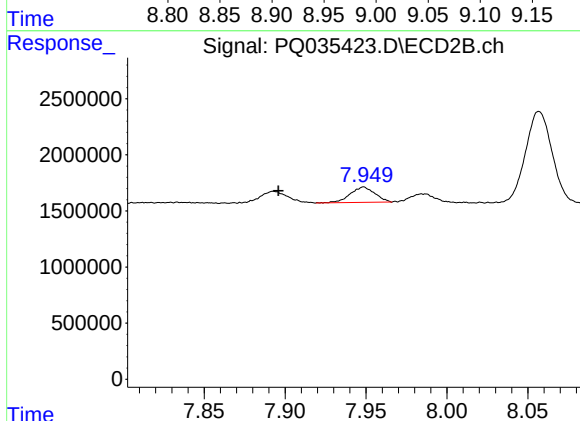
R.T.: 7.692 min
Delta R.T.: -0.003 min
Response: 77936497
Conc: 262.98 ng/ml



#43 AR-1268-3

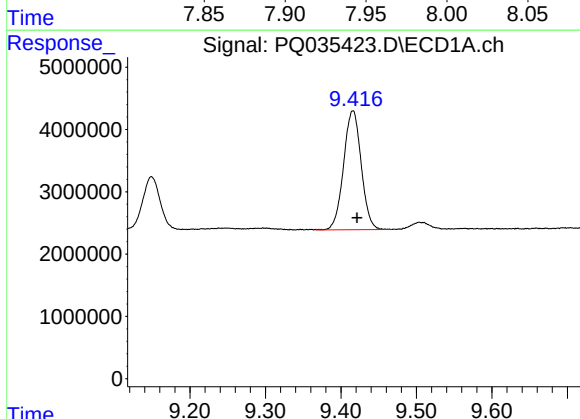
R.T.: 8.985 min
Delta R.T.: -0.005 min
Response: 1815163
Conc: 4.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



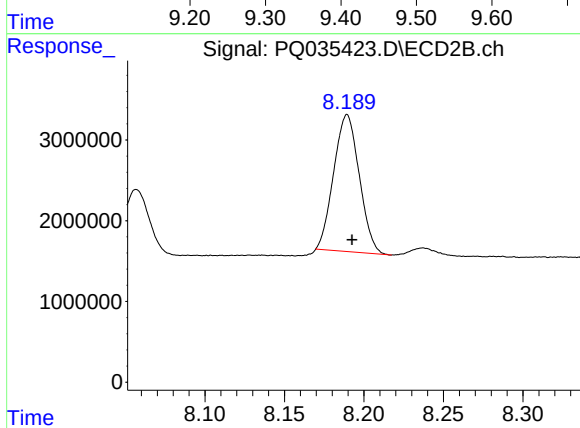
#43 AR-1268-3

R.T.: 7.949 min
Delta R.T.: 0.053 min
Response: 1459194
Conc: 5.97 ng/ml



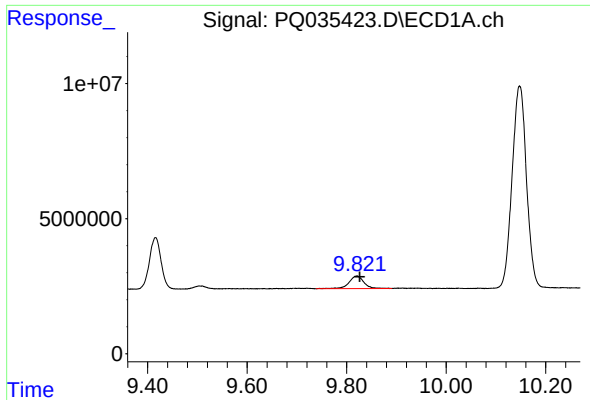
#44 AR-1268-4

R.T.: 9.416 min
Delta R.T.: -0.006 min
Response: 31007487
Conc: 226.18 ng/ml



#44 AR-1268-4

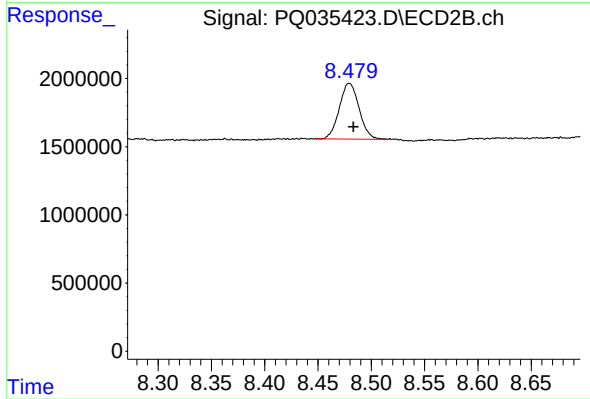
R.T.: 8.189 min
Delta R.T.: -0.003 min
Response: 18980478
Conc: 203.46 ng/ml



#45 AR-1268-5

R.T.: 9.821 min
Delta R.T.: -0.005 min
Response: 9684566
Conc: 8.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 5280588
Conc: 7.23 ng/ml